Index of Claims

Application/Control No.

10/532,607

Examiner

Fred M. Teskin

Applicant(s)/Patent under Reexamination

VUORIKARI ET AL.

Art Unit

1713

√ Rejected
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(Through numeral)
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| Claim Date |          |                 |          |          |          |          |                 |          |                | Г  | Claim Date |               |          |                 |                         |          | ı ı      | Cla          | aim                | Date   |                     |       |            |          |          |          |          |                 |          |                      |   |
|------------|----------|-----------------|----------|----------|----------|----------|-----------------|----------|----------------|--|------------|---------------|----------|-----------------|-------------------------|----------|----------|--------------|--------------------|--|---------------------|-------|------------|----------|----------|----------|----------|-----------------|----------|----------------------|---|
|            |          | N               |          |          | Ť        |          | ĺП              | -        |                | ٦.                                       | H          | Ī             |          | Т               | П                       | Ť        | Ť        | $\top$       | Т                  | Г  |                     |       |            | $\top$   | Т        |          |          | ĹΤ              | $\neg$   | $\neg$               | - |
| Final      | Original | 90              | •        |          |          |          |                 |          |                |  |            | Finat         | Original |                 |                         |          |          |              |                    |  | × 1                 | Final | Original   |          |          |          |          |                 |          |                      |   |
|            | å        |                 |          |          |          |          |                 | $\Box$   |                | ╛  | L          |               |          | $\perp$         |                         |          |          |              |                    |  |                     |       |            |          | L        |          |          |                 |          | $\Box$               |   |
|            |          | 7               | ╧        | _        | $\dashv$ |          |                 |          |                | ┛.                                       | Ļ          | _             | 51       |                 | $\sqcup$                |          | _        |              | $\perp$            |  |                     |       | 101        |          | ┖        |          |          |                 |          |                      |   |
|            | 2        | Ш               | _        | _        | _        |          |                 |          |                | - الــــــــــــــــــــــــــــــــــــ | L          |               | 52       |                 | $\sqcup$                |          | 4        |              |                    | _  | 43                  |       | 102        |          | _        |          |          |                 |          | _                    |   |
| <u> </u>   | 3        | Ш               |          |          | _        |          |                 | _        | _              |  | L          |               | 53       |                 | $\sqcup$                | _        |          |              | 1                  |  |                     |       | 103        | $\perp$  |          | 匚        | $\Box$   |                 |          | _                    |   |
| <u> </u>   | 4        | Ш               | _        | _        | _        |          | _               | _        | _              | 4  | L          | _             | 54       |                 | $\sqcup$                | _        | _        |              |                    |  |                     |       | 104        | $\perp$  | <u> </u> | L        |          |                 |          | $\dashv$             |   |
|            | 5        | Ш               | _        | _        | _        |          |                 | _        | $\perp$        | _  | L          | _             | 55       |                 | 11                      | _        | _        |              | 1 .                |  | 25                  |       | 105        |          | _        | _        |          | Щ               | _        | $\dashv$             | _ |
| <u> </u>   | 6        | Ш               | _        | _        | _        |          | _               | $\dashv$ |                | 4  | -          | _             | 56       | _               | $\perp$                 | _        | 4        | $\perp$      |                    |  | 100                 |       | 106        |          | $\vdash$ | <u> </u> |          |                 | $\dashv$ | _                    | _ |
| <u> </u>   | 7        | 11              |          | -        |          |          | -               | -        | -              | 4  | ⊢          |               | 57       | -               | +                       | 4        | -        | +            | ╀-                 | _  | 9-5                 |       | 107        |          | ╀        | _        | Ŀ        | $\vdash$        | $\dashv$ | $\dashv$             | _ |
| <u> </u>   | 8        | H               |          |          |          | -        | $\dashv$        | $\dashv$ | +              | 4  | -  -       |               | 58       | +               | ┦                       | $\dashv$ | 4        | +            | +                  | ⊢  | 43                  |       | 108        |          | ⊢        | $\vdash$ | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$             | _ |
| -          | 9        | H               | $\dashv$ | -        |          |          |                 | $\dashv$ | +              | 4  | ⊢          | $\rightarrow$ | 59<br>60 | -               | ┦┤                      | $\dashv$ | $\dashv$ |              |                    | _  |                     |       | 109        | +        | ╁        | ⊢        | H        | Н               | $\dashv$ | $\dashv$             | _ |
| -          | 11       | H               | $\dashv$ | $\dashv$ | -        |          | $\dashv$        | $\dashv$ | $\dashv$       | +  | ٠,         |               | 61       |                 | +                       | -+       | -        |              | +                  | H  | 1                   |       | 110<br>111 |          | ┿        | ├        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$             | _ |
|            | 12       | H               | ᅱ        | ╣        | $\dashv$ | $\vdash$ | $\vdash$        | -        | +              | $\dashv$                                 | $\vdash$   | $\dashv$      | 62       | +               | +                       | $\dashv$ | $\dashv$ | $\dashv$     | +                  | $\vdash$   | 12                  |       | 112        | -        | ╁        | ├        | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$             |   |
| -          | 13       | H               | ᅱ        | ᅱ        | $\dashv$ | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$                                 | $\vdash$   |               | 63       | -               | ╁┤                      | -        | $\dashv$ | $\dashv$     | +                  | $\vdash$   | 54                  |       | 113        |          | ╁╌       | ╁        | H        | $\vdash$        | $\dashv$ | $\dashv$             | _ |
| <b>—</b>   | 14       | H               | $\dashv$ | ᅱ        | $\dashv$ | $\dashv$ | $\vdash$        | -        |                | $\dashv$                                 | ╌├╌        |               | 64       |                 | $\vdash$                | $\dashv$ | $\dashv$ | $\dashv$     | +-                 | $\vdash$   | 15.51               |       | 114        |          | $\vdash$ | ╁        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$             | _ |
|            | 15       | H               | $\dashv$ | $\dashv$ | -        |          | $\vdash$        | $\dashv$ | $\dashv$       | 1  | $\vdash$   | $\dashv$      | 65       | +               | 1-1                     | +        | +        | +            | +                  | -  |                     | _     | 115        | +-       | $\vdash$ | H        | H        | H               | $\dashv$ | $\dashv$             | — |
| <u> </u>   | 16       | +               | ᅥ        | ᅥ        |          | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$                                 | .  -       | $\dashv$      | 66       | $\vdash$        | +                       | $\dashv$ | $\dashv$ | $\dashv$     | -                  | <del>                                     </del> | 12                  |       | 116        |          | T        | $\vdash$ | H        | Н               | $\dashv$ | $\dashv$             | _ |
|            | 17       | ╫               | 寸        | 一        | $\dashv$ |          |                 |          | _              | ٦,                                       | ·  -       | _             | 67       |                 | +                       | 十        | _        | _            | _                  | $\vdash$   | 4                   |       | 117        |          | †-       | $\vdash$ | $\vdash$ | H               |          | $\neg$               | _ |
|            | 18       | Ш               | ┪        | ┪        |          |          | $\Box$          | _        |                | ┪.                                       | -          |               | 68       |                 | † †                     | 寸        | 寸        | $\top$       | 1                  |  | 74.<br>14.          |       | 118        |          | $\vdash$ |          | $\vdash$ | Н               | $\dashv$ | $\overline{}$        |   |
|            | 19       | H               | ヿ        | $\neg$   |          |          | $\Box$          |          |                | ٦.                                       |            | T             | 69       |                 | 1 1                     | 1        | 1        | $\neg$       | 1                  |  | 1                   |       | 119        |          | t        | t        |          | П               | 一        | $\neg$               | _ |
|            |          | V               | 口        | $\neg$   |          |          |                 |          | $\neg$         | 1  |            | 一             | 70       |                 | $\Box$                  | ┪        | ┪        | $\neg$       | 1                  |  | 10                  |       | 120        |          | 1        | T        |          | П               | ╗        | コ                    | _ |
|            | 21       |                 | $\neg$   | $\neg$   |          |          |                 |          | $\neg$         | 7  |            |               | 71       |                 | T                       | $\neg$   | $\neg$   | 一            |                    |  |                     |       | 121        |          | T        | Γ        |          |                 | $\neg$   | T                    | _ |
|            | 22       |                 |          | $\neg$   |          |          |                 |          |                | ٦.                                       |            | $\neg$        | 72       |                 | $\Box$                  |          | 丁        | $\top$       | 1                  |  | 1 4                 |       | 122        |          |          |          |          | П               | 丌        | T                    |   |
|            | 23       |                 |          |          |          |          |                 |          |                |  | ת.         |               | 73       |                 |                         | $\Box$   | П        |              |                    |  | 1,00                |       | 123        |          |          |          |          |                 |          |                      |   |
|            | 24       | ·               |          |          |          |          |                 |          |                |  |            |               | 74       |                 |                         |          |          |              |                    |  | * *:                |       | 124        |          |          |          |          |                 |          |                      |   |
|            | 25       |                 |          |          |          |          |                 |          |                | ]  |            |               | 75       |                 | Ш                       |          | $\Box$   | $\perp$      |                    |  | 4 1<br>14 1<br>18 4 |       | 125        |          |          |          |          |                 |          |                      |   |
|            | 26       |                 | _        |          |          |          |                 | $\Box$   |                | _  |            |               | 76       |                 |                         | $\Box$   |          |              |                    |  | distribution.       |       | 126        |          |          |          |          | Ш               |          |                      |   |
|            | 27       | Ш               | _        | $\Box$   | _        | Ш        | Щ               |          |                |  |            |               | 77       |                 | $\perp$                 | _        | _        |              |                    |  | 1,0                 |       | 127        |          | <u> </u> | <u> </u> | Ŀ        | Ш               |          |                      |   |
|            | 28       | Щ               | _        | _        | _        | Ц        | $\sqcup$        |          |                | _  | <u> </u>   |               | 78       | $\perp$         | $\sqcup$                | _        | _        | $\perp$      |                    | _  |                     |       | 128        |          | 丄        | <u> </u> | <u> </u> | Ш               |          | Ш                    | _ |
|            | 29       |                 | _        | _        |          |          | $\sqcup$        | _        |                | _ ;;                                     | - 1        |               | 79       |                 | 4                       | _        | 4        |              | -                  | <u>L</u> .                                       | 1.0                 |       | 129        |          | _        | _        |          | Ш               | _        | $\square$            | _ |
|            | 30       |                 |          |          |          |          | Щ               | _        | _              | 4.                                       | _ _        |               | 80       | _ _             | 4                       | -1       | -        |              | 4_                 | _  | 1                   |       | 130        |          | <u> </u> | <u> </u> | _        | Ш               |          |                      |   |
| -          | 31       | Ш               |          | -        | -        |          | $\vdash$        | _        |                | -  | 1          |               | 81       |                 | +                       | $\dashv$ | -        |              | +                  | _  | - 7                 |       | 131        |          | ╀        | ┝        | _        | Н               | $\dashv$ | <u> </u>             |   |
| $\vdash$   | 32       | $\vdash \vdash$ | $\dashv$ |          |          | Щ        |                 | -        | -              | 4  | -          | $\dashv$      | 82       | -               | +                       | $\dashv$ | $\dashv$ | +            | +-                 | _  |                     |       | 132        |          | -        | ├        | ┡        | Н               |          | $\vdash \vdash$      | _ |
| $\vdash$   | 33<br>34 | $\vdash$        | $\dashv$ | $\dashv$ | -        |          | $\vdash$        | $\dashv$ | +              | 4  | $\vdash$   | -             | 83<br>84 | $\vdash$        | +                       | $\dashv$ |          | +            | +                  | -  |                     |       | 133<br>134 | $\vdash$ | ╁        | ⊢        | $\vdash$ | Н               |          | ⊢⊢                   |   |
| -          | 35       | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$       | $\dashv$                                 | -          | -             | 85       |                 | +                       | -+       | -        |              | +-                 | <del>                                     </del> | . 1                 |       | 135        |          | +-       | +-       | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$             | _ |
| -          | 36       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$       | -{-                                      | 上          | -             | 86       | -               | +                       |          | $\dashv$ | +            | +                  | 1  |                     |       | 136        | +        | +        | +-       | $\vdash$ | Н               | $\dashv$ | $\vdash$             | _ |
| -          | 37       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$       | $\dashv$                                 | -          |               | 87       | $\vdash$        | +                       | $\dashv$ | $\dashv$ | $\dashv$     | +-                 | <del>  -</del>                                   |                     |       | 137        | $\vdash$ | +        | $\vdash$ | $\vdash$ | Н               |          | $\dashv$             |   |
| -          | 38       | -               | $\dashv$ | $\dashv$ | $\dashv$ | Н        | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$                                 | $\vdash$   |               | 88       | $\vdash \vdash$ | 1                       | $\dashv$ | $\dashv$ | +            | +                  | $\vdash$   |                     |       | 138        | $\vdash$ | 1        |          | $\vdash$ | H               | -        | $\vdash$             | _ |
|            | 39       | $\vdash$        |          |          | -        | Н        | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$                                 | 十          |               | 89       |                 | +                       | $\dashv$ | $\dashv$ |              | +                  | $\vdash$   | 1                   |       | 139        | -        | $\top$   | 1        | -        | Н               | $\dashv$ | 一                    | _ |
|            | 40       | H               | $\dashv$ |          |          | $\vdash$ | $\vdash$        |          | 十              | $\dashv$                                 | 十          |               | 90       |                 | 11                      | 一        | 7        | $\neg$       | +                  | $\vdash$   |                     |       | 140        | $\vdash$ | 1        |          | H        | $\vdash$        | _        | $\sqcap$             | _ |
|            | 41       | П               |          |          | $\neg$   | П        | $\dashv$        | $\dashv$ | $\neg \dagger$ | ┫  | 卜          |               | 91       | 1               | $\top$                  | 7        | $\dashv$ | $\dashv$     | 1                  |  |                     |       | 141        | $\vdash$ |          | 1        | Т        | П               |          | $\Box$               |   |
|            | 42       |                 |          |          |          |          | $\Box$          |          | 十              | 7  |            | $\neg$        | 92       |                 | $\sqcap$                | 一        | $\dashv$ | $\dashv$     |                    | Г  |                     |       | 142        |          | Т        |          |          | П               | $\sqcap$ | 一                    |   |
| - 🗔        | 43       |                 |          |          |          |          |                 |          |                |  |            |               | 93       |                 |                         | 丁        |          |              | Ι                  |  |                     |       | 143        |          |          |          |          |                 |          |                      |   |
|            | 44       |                 |          |          |          |          |                 |          |                |  |            |               | 94       |                 |                         |          |          |              | $oxed{\Box}$       |  | ياسين<br>تونية      |       | 144        |          |          |          |          |                 |          |                      | _ |
|            | 45       |                 |          | ·        |          |          |                 |          | $\Box$         | J  |            |               | 95       |                 |                         |          |          |              | $oxed{\mathbb{L}}$ |  | 1. ≠                |       | 145        |          |          |          |          |                 |          |                      |   |
|            | 46       | $\Box$          |          |          |          |          |                 |          | $\Box$         | J  |            |               | 96       |                 |                         | $\Box$   | $\Box$   | $oxed{oxed}$ | $\perp$            |  |                     |       | 146        |          |          |          |          |                 |          |                      |   |
|            | 47       | Ш               | $\Box$   | $\Box$   |          |          |                 |          | Ţ              |  |            | $\Box$        | 97       |                 | $\Box$                  | Ţ        | $\Box$   | $\prod$      | $\bot$             |  |                     |       | 147        |          |          | 匚        | 匚        | Ш               |          | 囗                    | · |
| <u> </u>   | 48       | Ц               | _        | $\Box$   |          |          | Ш               |          |                | ╝  | L          | ļ             | 98       |                 | Ш                       | _[       | $\perp$  |              | _                  | _  |                     |       | 148        | ot       | 1_       | <u> </u> |          | Ш               | ]        |                      | _ |
| <u> </u>   | 49       | $\sqcup$        | _        | _        | _        |          | Щ               | _        | $\bot$         | 4  | L          | ļ             | 99       |                 | $\downarrow \downarrow$ | _        | _        |              | 4                  |  |                     |       | 149        | ot       | ╄        | Ь.       | <u> </u> | Ш               |          | $oxedsymbol{\sqcup}$ | _ |
|            | 50       | لبــا           |          |          | i        |          | Ш               | !        |                | ┙  | L          |               | 100      | $\sqcup L$      | ┸┸                      |          |          | $\perp$      |                    | L_   | ŀ.l                 |       | 150        | Ш        | <u> </u> | <u></u>  | L        | لـــا           |          | $\Box$               |   |